

INTEGRAL™ 808

Polyolefin Adhesive Film
The Dow Chemical Company

Message:

INTEGRAL™ Adhesive Film is a high-flow adhesive film designed to bond to corrugated paperboard. It is a multi-layer structure with one-side designed to flow and create an integral bond with fibrous substrates, such as paper or cardboard. The other side serves as a barrier/ protective layer. This product is FDA compliant, which makes it suitable for medical, cosmetic, and food packaging applications. New experimental films are continually being developed. Please discuss your particular application needs with your Dow representative.

General Characteristics:

Heat Activation Point: 215°F (102°C)

Yield: 207 sq ft/lb/mil (42.3 m²/kg/25 µm)

Available Colors: Clear

Gauge Range: 1.0-3.5 mil (25-88 µm)

Width Range: 20-96 in (508-2440 mm)

General Information			
Agency Ratings	FDA Food Contact, Unspecified Rating		
Appearance	Clear/Transparent		
Forms	Film		
Films	Nominal Value	Unit	Test Method
Film Thickness - Recommended / Available	1.0-10.0 mil (25-250 µ)		
Secant Modulus	ASTM D882		
2% Secant, MD	114	MPa	
2% Secant, TD	128	MPa	
Tensile Strength	ASTM D882		
MD : Break	28.3	MPa	
TD : Break	8.27	MPa	
Tensile Elongation	ASTM D882		
MD : Break	200	%	
TD : Break	500	%	
Elmendorf Tear Strength	ASTM D1922		
MD : 25 µm	300	g	
TD : 25 µm	80	g	
Water Vapor Transmission	17	g/m²/24 hr	
Film Width	30.48 to 223.52	cm	
Heat Seal Strength - 1 sec dwell, 30 psi (149°C)	670	N/m	Internal Method
Yield (25.0 µm)	42.2	m²/kg	
Heat Activation Temperature	102	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

